

**OFFICE OF EQUAL OPPORTUNITY PROGRAMS
MINORITY UNIVERSITY RESEARCH AND EDUCATION DIVISION**



NASA TRIBAL COLLEGES AND UNIVERSITIES INITIATIVES

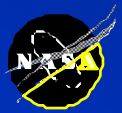
MU-SPIN Conference

**Albuquerque, New Mexico
October 21, 1998**

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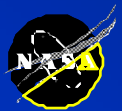


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Tribal Colleges and Universities Milestones

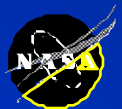
- **October 19, 1996 - Executive Order 13021, Tribal Colleges and Universities, signed.**
- **1997-98 - Site Visits to 8 TCU campuses.**
- **February 2, 1998 - American Indian Higher Education Consortium (AIHEC) meeting with OEOP.**
- **February 13, 1998 -**
 - **Carrie L. Billy, AIHEC Federal Relations Coordinator, sworn in as director of the newly established White House Initiative on Tribal Colleges and Universities.**
 - **George E. Reese designated as NASA's primary liaison to the White House Initiative on Tribal Colleges and Universities, with Bettie White and Philip Sakimoto as alternates.**
- **April 15, 1998 - Inter-Departmental Committee on Tribal Colleges & Universities, first meeting, Washington, DC.**



Proposed NASA Approach for Tribal Colleges

February 2, 1998

- **Pre-college outreach and teacher training**
 - Use existing programs (e.g., PACE, MASTAP) modified as necessary to accommodate tribal college projects.
- **Transfer pipelines to 4-year colleges**
 - AISTEC revised this year to take lead.
- **New solicitation for Institutional Development**



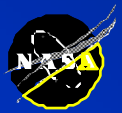
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**Tribal College Participation
in
Precollege Awards for Excellence in Mathematics,
Science, Engineering, and Technology (PACE/MSET)**

1st Year	Install	Institution	Project Title
1995	HQ	Fort Belknap College	Preserving the Past and the Future
1996	HQ	Northwest Indian College	Seaquest Phase II
1996	JSC	Southwest Indian Polytechnic Institute	SIPI PACE/MSET Project
1998	GSFC	Oglala Lakota College	OLC PACE/MSET

- **1998 PACE:**
 - Improved accessibility for TCU's by adding TCU's explicitly to list of eligible institutions and removing tenure-track requirement on P.I.
 - Received 4 TCU proposals of which 1 was selected.
- **1999 PACE**
 - Received LOI from 1 TCU.

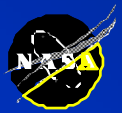


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Tribal College Participation in Mathematics Science Teacher and Curriculum Enhancement Awards Program (MASTAP)

- **1994-1998 MASTAP:**
 - Eligibility limited to colleges that offered an undergraduate degree in education.
 - No Tribal College Participation.
- **1999 MASTAP:**
 - Improved accessibility for TCU's by adding TCU's explicitly to list of eligible institutions and allowing community colleges to propose as lead institution if they have a partnership with another institution that offers an undergraduate degree in education.
 - Received 2 TCU proposals.



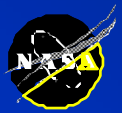
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Tribal College Participation in Partnership Awards

1st Year	Install	Institution	Project Title
1997	ARC	Diné College	American Indian Network Information Center (AINIC)
1997	JSC	Diné College	Science Enrichment Activities
1997	JSC	Oglala Lakota College	Project SMASH--Student Math & Health Sciences Initiative
1997	DFRC	Salish Kootenai College	NASA Aeronautical Ambassador Program for American Indians

- **1997 Partnership:**
 - 4 TCU projects selected.
- **1998 PAIR:**
 - Eligibility limited to institutions offering 4-year SEM degrees and holding current NASA research grant.
 - No TCU projects selected.

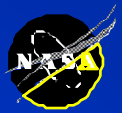


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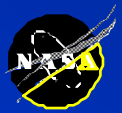
American Indian Science Technology Education Consortium (AISTEC)

- **Consortium members:**
 - 4-year and graduate institutions: New Mexico Highlands (lead), Arizona State, Oklahoma State, South Dakota School of Mines and Technology, University of New Mexico, University of Washington
 - Tribal Colleges and Universities: Dine (Navajo) Community College, D-Q University, Haskell Indian Nations University, Salish Kootenai College
- **1998 Improvements:**
 - Revised goals to emphasize tribal college development
 - Revised objectives to provide measurable metrics
 - Revised financial reporting system to control costing
- **1999 Improvements:**
 - Increase TCU and Native American community ownership by:
 - » Establishing external advisory committee
 - » Establishing new and continuing project proposal review board to be led by Salish Kootenai College
 - Develop additional sources of funds (e.g., private sector grants; technology transfer projects)



Opportunities

- **Existing precollege outreach and teacher training solicitations: PACE & MASTAP**
- **New process for AISTEC projects**
 - call for proposals anticipated early 1999
- **Tribal College workshops at NASA Installations**
 - now in early planning stages
 - anticipate first workshop ~March 1999
- **New solicitation for curriculum development**
 - currently being revised



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opportunities.

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